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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Shoemaker et al.

Confirmation No.: 7044

Serial No.: 09/724,538

Art Unit: 1655

Filed: November 28, 2000

Examiner: Lu, F.

For: COMPOSITIONS AND METHODS  
FOR EXON PROFILING Attorney Docket No: 9301-123

**TRANSMITTAL OF FORMAL DRAWINGS**

Official Draftsperson  
c/o Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir/Madam:

Applicants submit herewith as formal drawings Figures 1-7B on ten (10) sheets. The formal drawings are submitted in compliance with the requirements for formal drawings enumerated in 37 C.F.R. §§ 1.84 and 1.85.

No fee is believed due; however, should the Patent and Trademark Office determine otherwise, please charge the required fee to Deposit Account No. 16-1150. A copy of this sheet is enclosed for accounting purposes.

Applicants respectfully request entry of the formal drawings.

Respectfully submitted,

Date: April 1, 2003

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Enclosures

4/01/03  
57 U.S. PTO

Inventor(s): SHOEMAKER ET AL.  
Title: "COMPOSITIONS AND METHODS FOR EXON PROFILING"

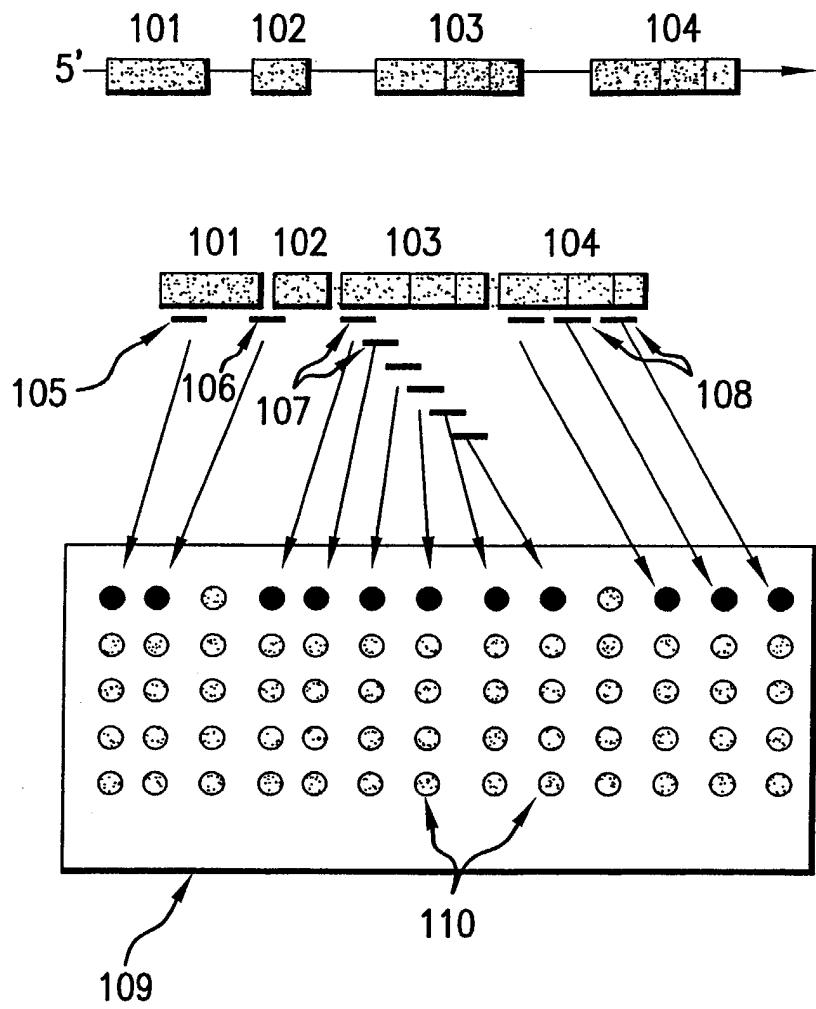


FIG.1

04/01/03  
157 U.S. PTO

Inventor(s): SHOEMAKER ET AL.  
Title: "COMPOSITIONS AND METHODS FOR EXON PROFILING"

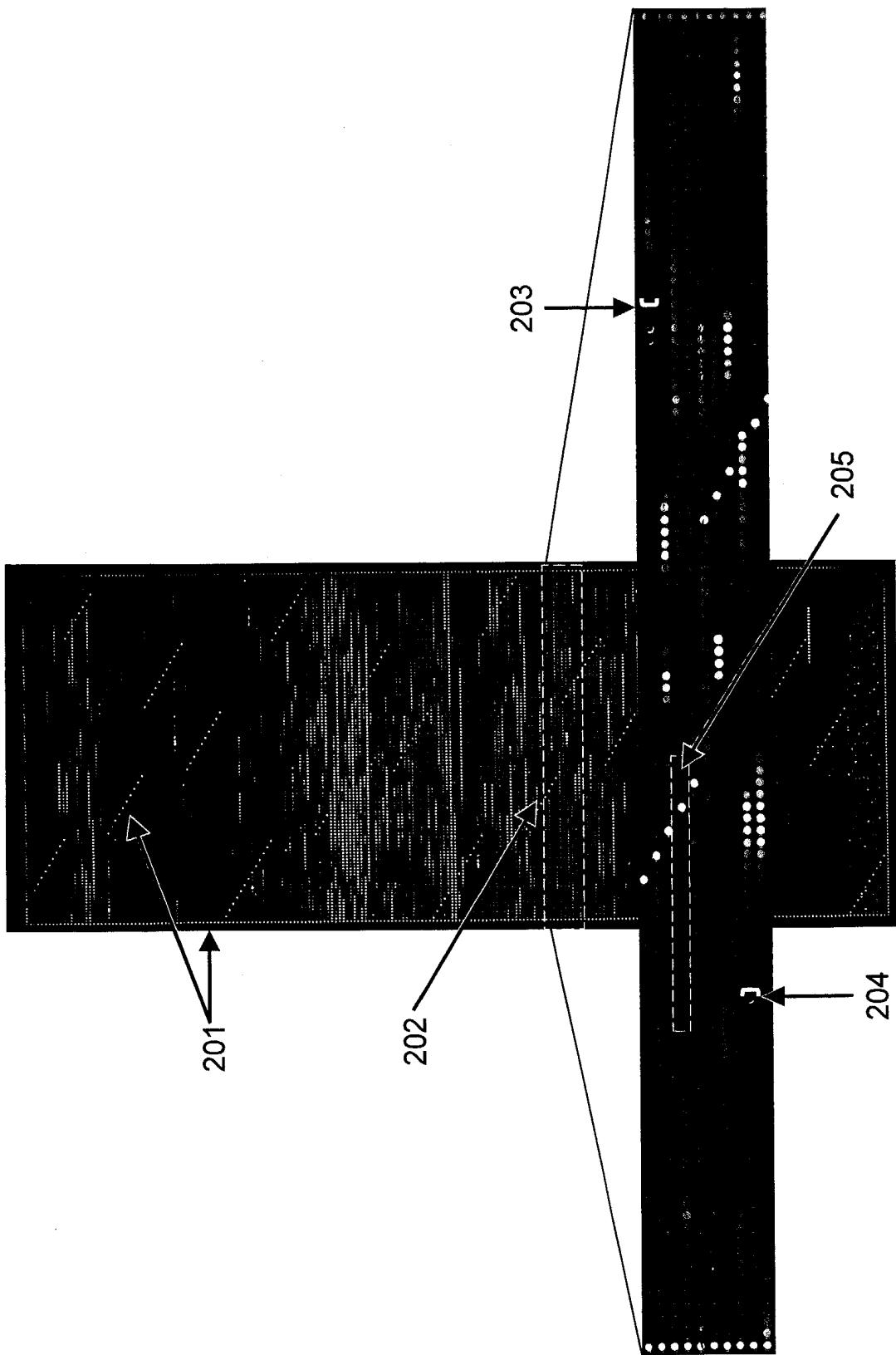


FIG. 2

04/01/03  
1057 U.S. PTO

Inventor(s): SHOEMAKER ET AL.  
Title: "COMPOSITIONS AND METHODS FOR EXON PROFILING"

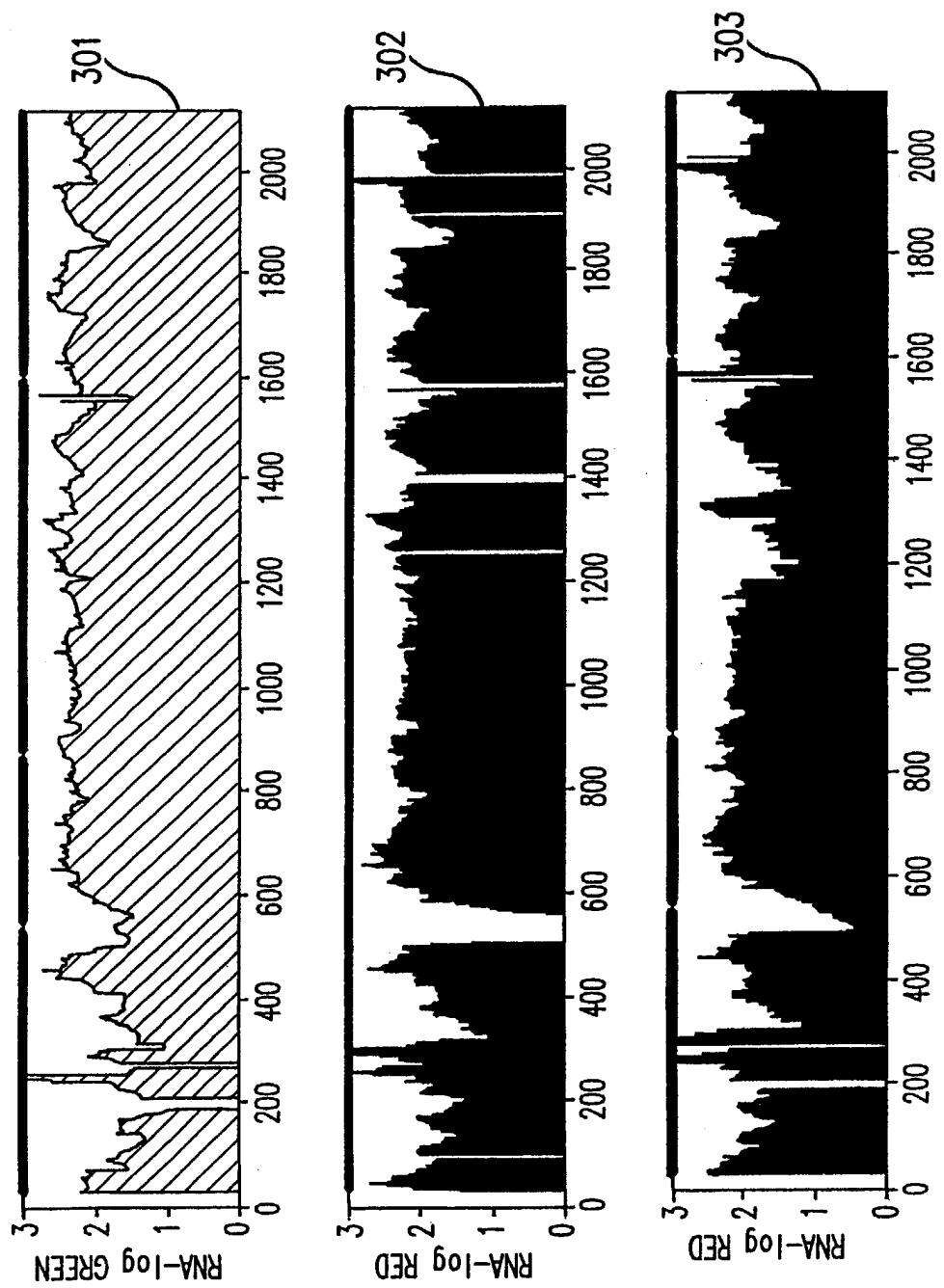


FIG. 3

10/103  
U.S. PTO

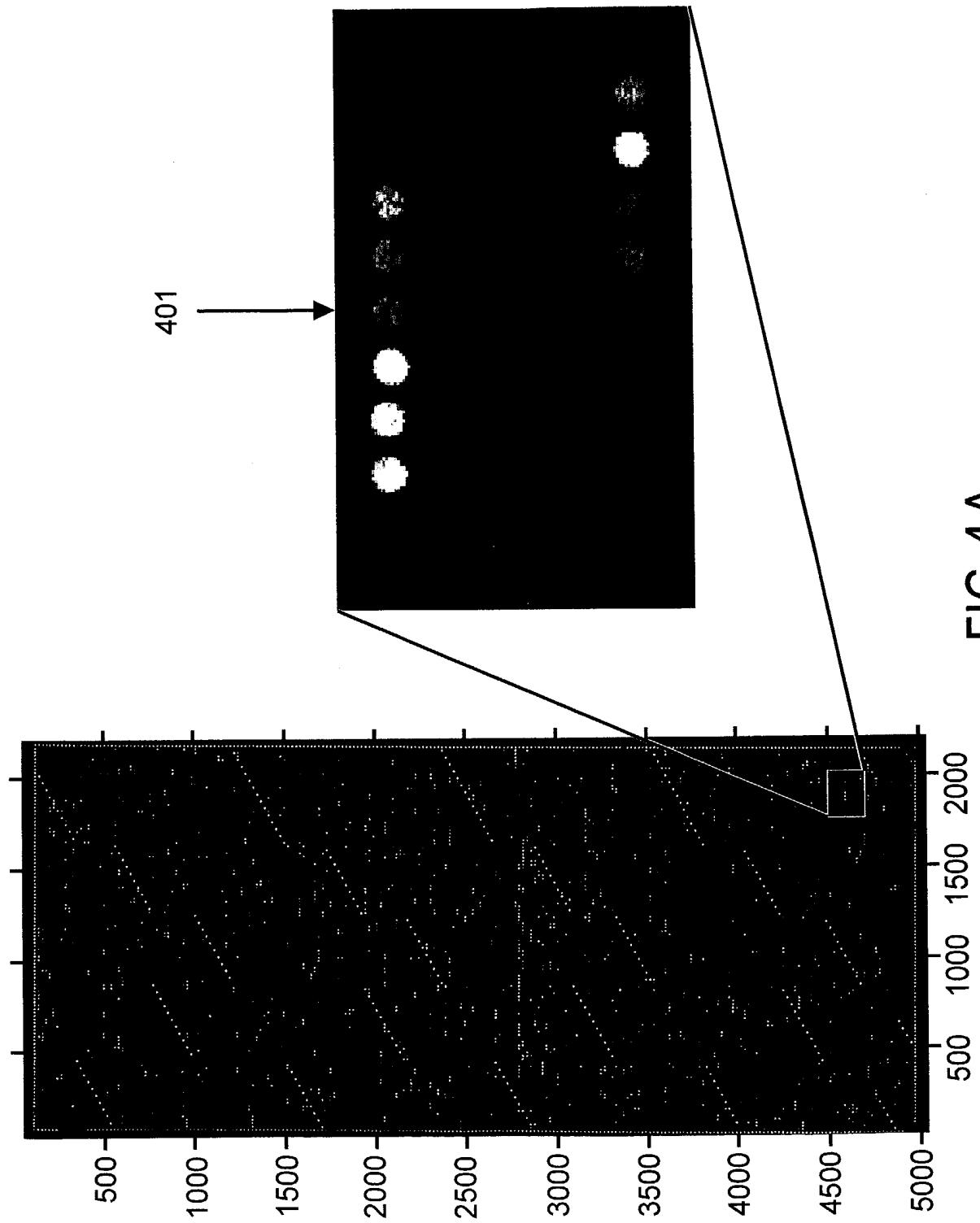
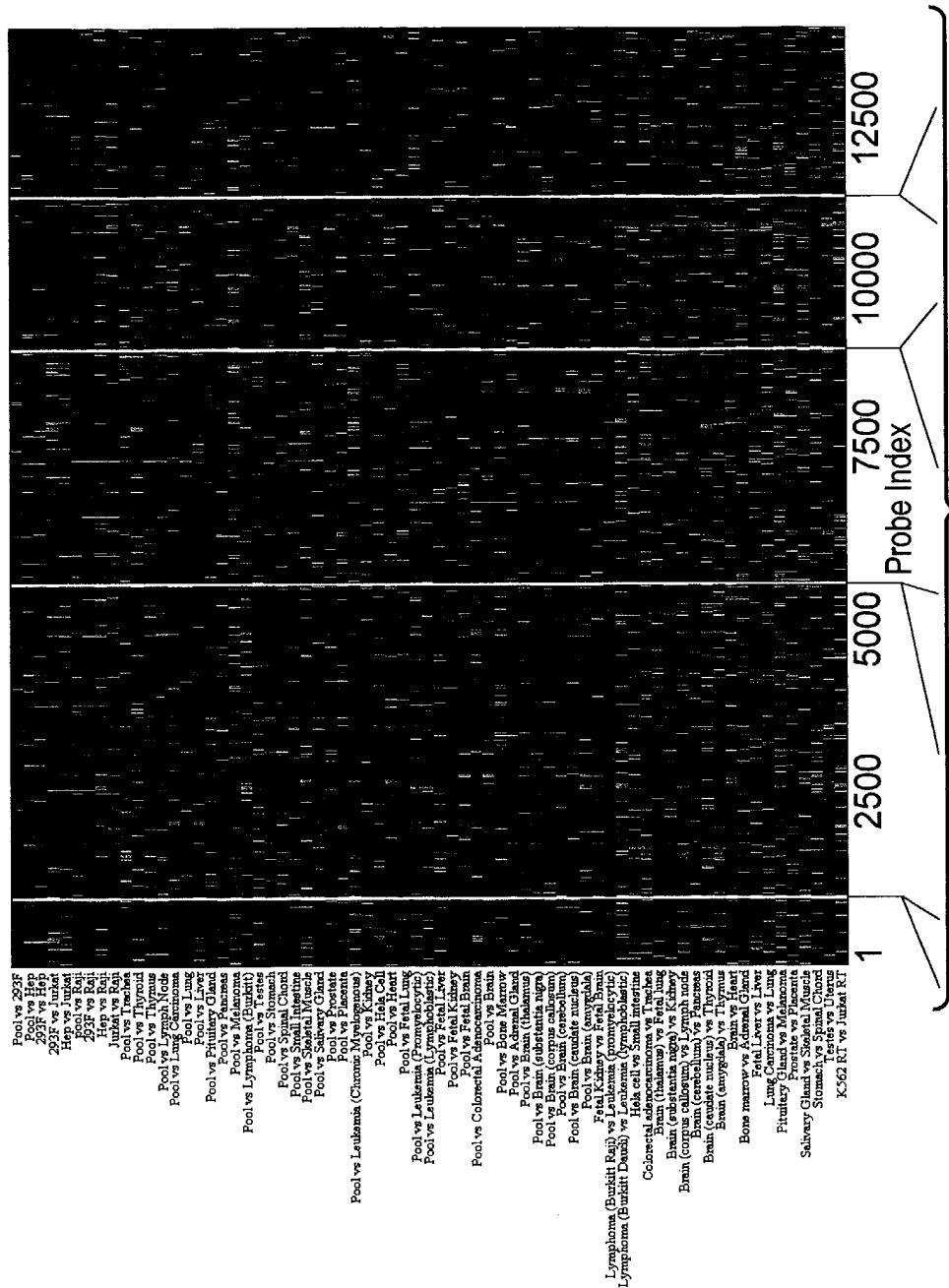


FIG. 4A

~8,000 exons covering 33 MB region of Human Chromosome 22



## 69 experiment conditions

CONTINUED ON FIG 4C

FIG. 4B

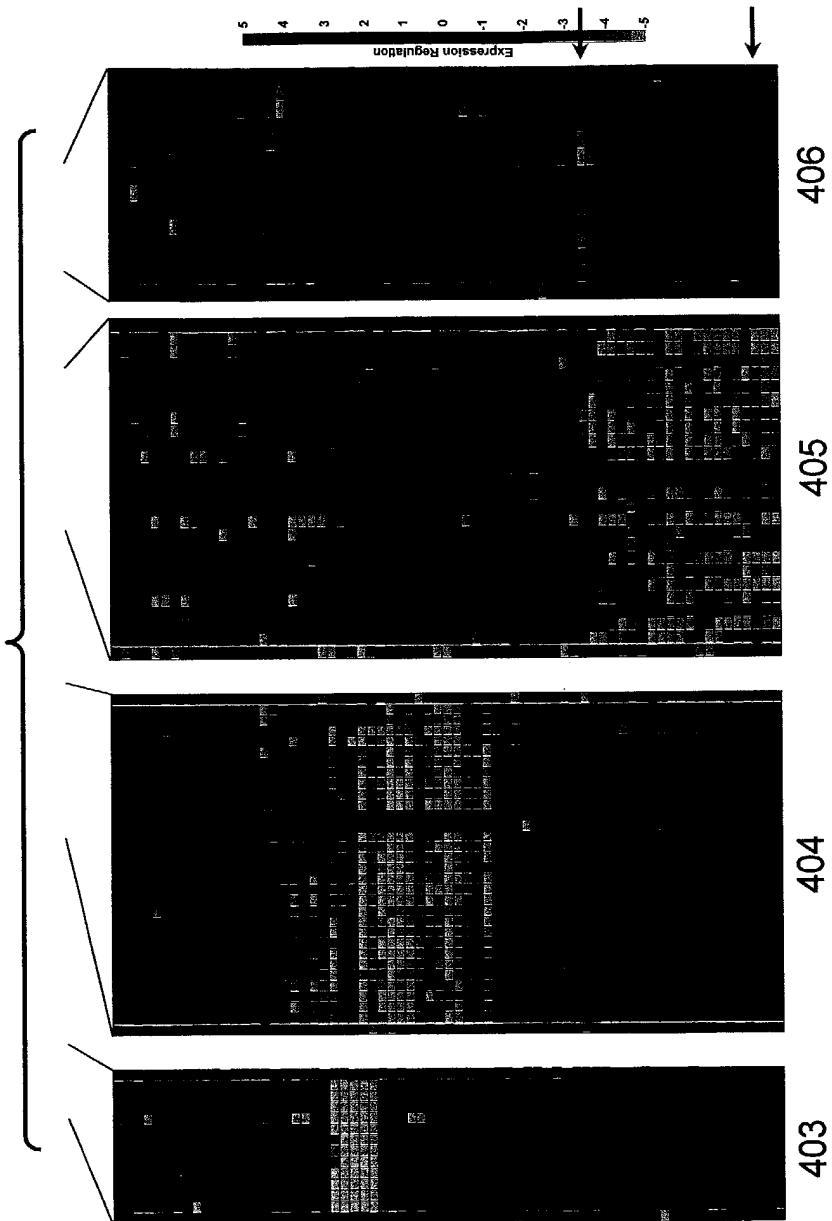


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Inventor(s): SHOEMAKER ET AL.  
Title: "COMPOSITIONS AND METHODS FOR EXON PROFILING"

CONTINUED ON FIG.4B



403

404

405

406

FIG. 4C

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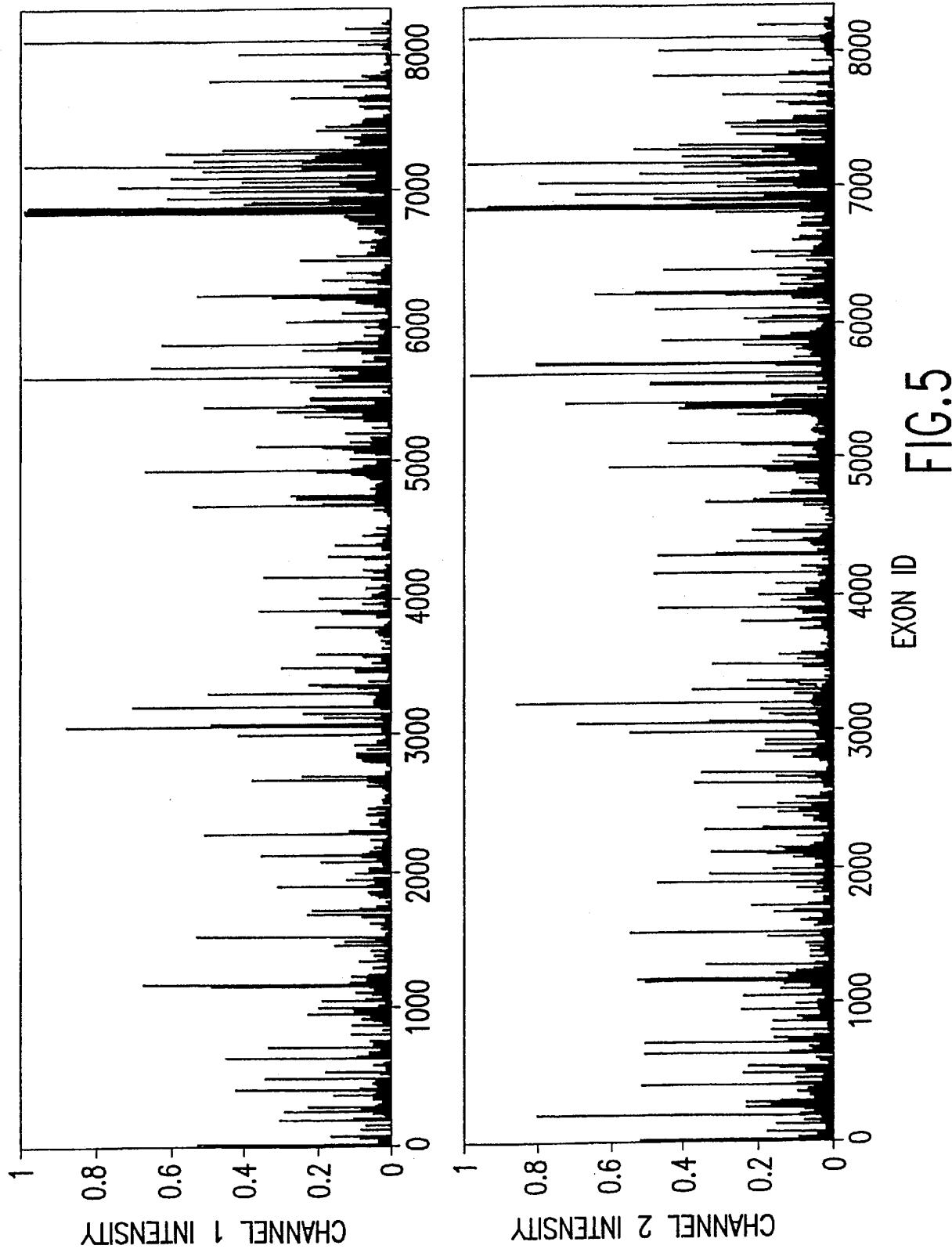


FIG. 5

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J57 U.S. PTO

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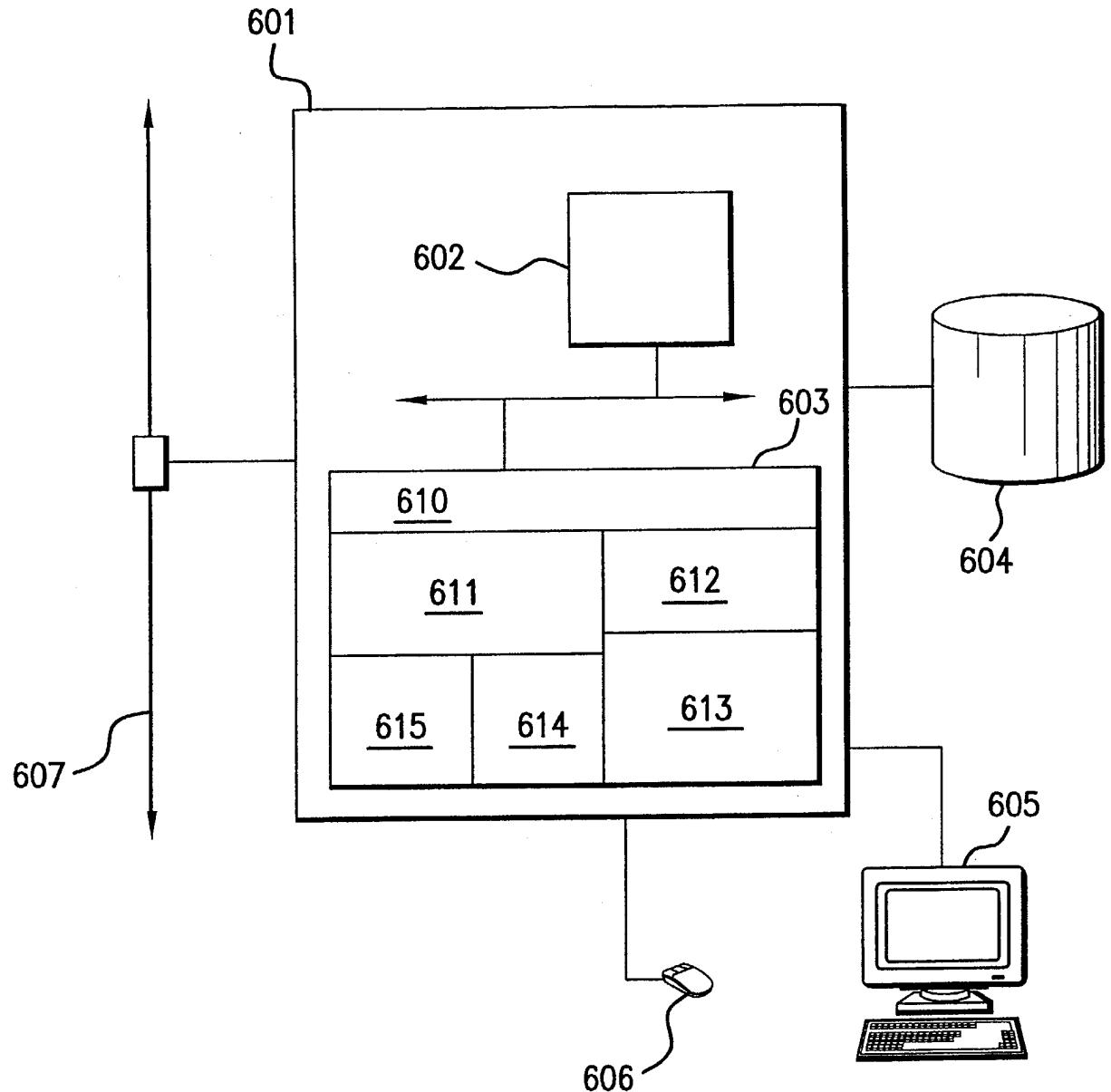


FIG.6

7/01/03  
7 U.S. PTO

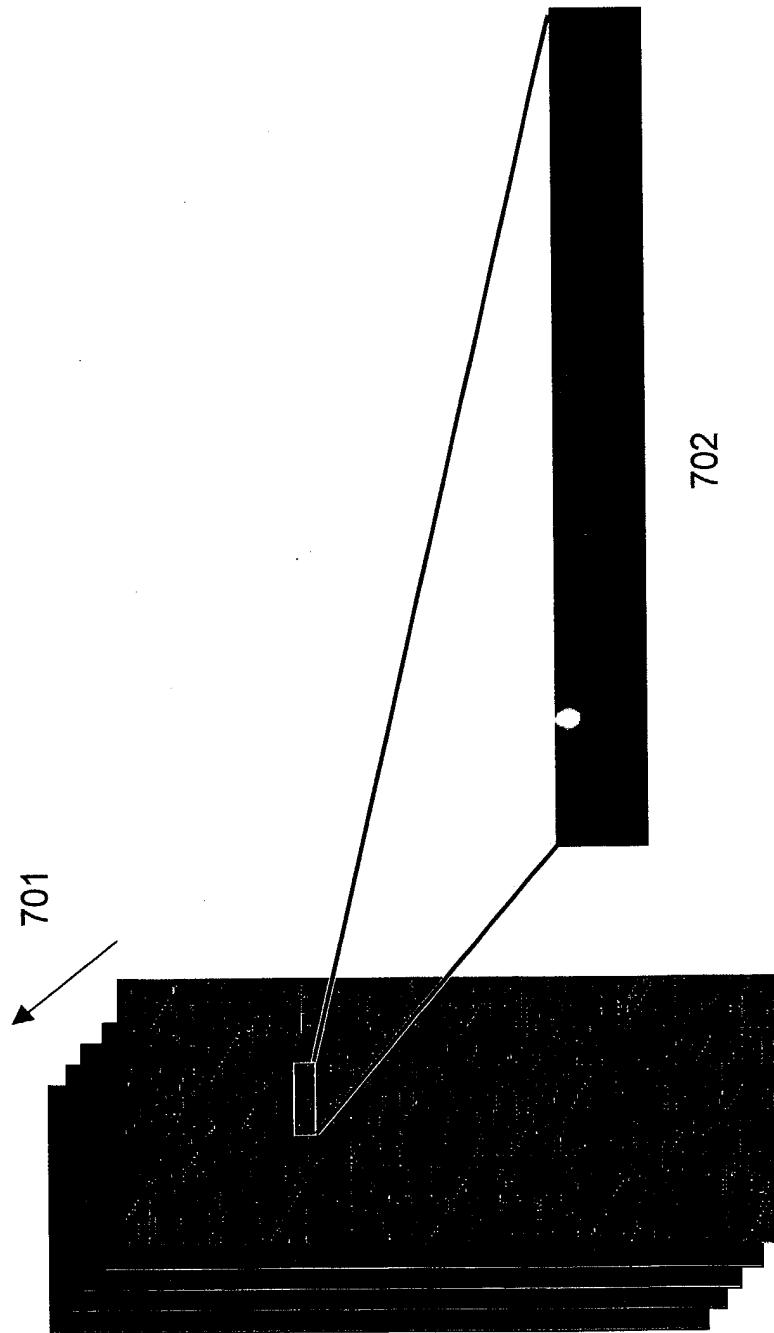


FIG. 7A

4/10/03  
U.S. PTO

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Title: "COMPOSITIONS AND METHODS FOR EXON PROFILING"

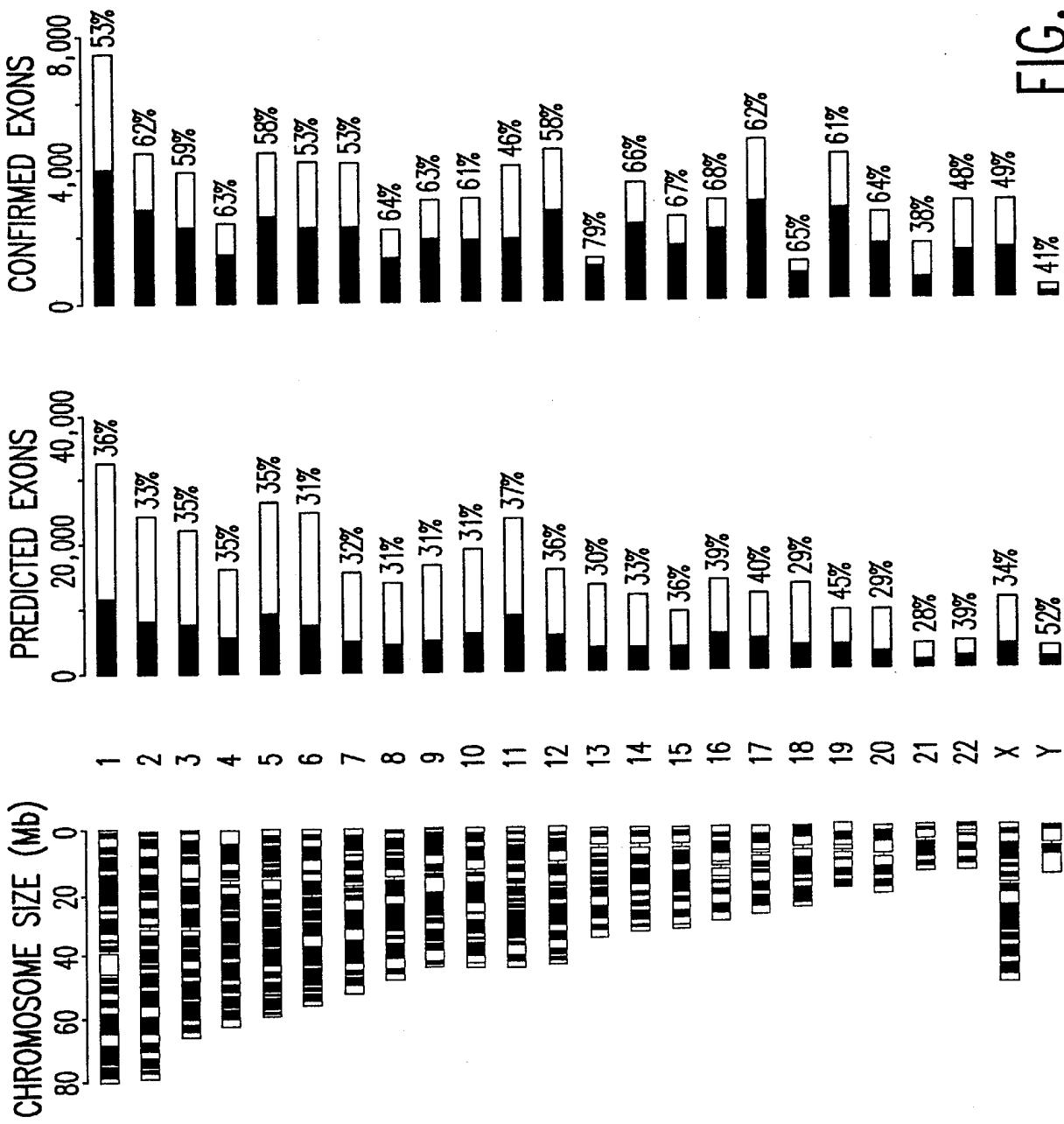


FIG. 7B